

WHAT IS CLAIMED IS:

1. A network bus coupler, which comprises:  
a housing;  
electrical isolation circuitry disposed within the housing; and,  
connectors disposed exterior of the housing and electrically coupled to the electrical isolation circuitry.
2. The network bus coupler as claimed in claim 1, wherein said connectors comprise a plurality of pins.
3. The network bus coupler as claimed in claim 2, wherein said pins are adapted for insertion into sockets.
4. The network bus coupler as claimed in claim 3, wherein said sockets are contained in a circuit card of a junction box.
5. The network bus coupler as claimed in claim 1, wherein said isolation circuitry includes an isolation transformer.
6. The network bus coupler as claimed in claim 1, including:  
a bus terminator disposed in said housing and electrically coupled to a connector disposed exterior of said housing.
7. A system for coupling an a device to a bus, said system comprising:

a junction box electrically coupled to said device and to said bus;

a circuit card disposed in said junction box, said circuit card including a plurality of sockets; and,

a modular network bus coupler mountable to said circuit card, said bus coupler comprising:

a housing;

electrical isolation circuitry disposed within the housing; and,

a plurality of pins disposed exterior of the housing and engageable with at least some of said sockets of said circuit card, at least some of said pins being electrically coupled to said electrical isolation circuitry.

8. The system as claimed in claim 7, wherein said isolation circuitry includes an isolation transformer.

9. The system as claimed in claim 7, including:

a bus terminator disposed in said housing and electrically coupled to a pair of said pins.

10. The system as claimed in claim 7, wherein said device is an avionics component and said bus is an aircraft data bus.